

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1- 18 (Cancelled).

19. (New) In a fuel injection device (1) that is connected to a high-pressure source (2) and has a multi-part injector body (4; 8, 9, 10) that contains a pressure booster (11) that can be actuated by means of a differential pressure chamber (17) and whose pressure booster piston (14) seals a working chamber (12) off from the differential pressure chamber (17), which fuel injection device (1) can be actuated by means of an on-off valve (5, 70), the improvement comprising a central control line (31) that extends through a pressure booster piston (14), the pressure change in the differential pressure chamber (17) of the pressure booster (11) occurring via the central control line (31).

20. (New) The fuel injection device according to claim 19, wherein the central control line (31) extends through the working chamber (12) of the pressure booster (11) and is sealed off from the working chamber (12) by means of a high-pressure-tight connection (33, 50, 61).

21. (New) The fuel injection device according to claim 20, wherein the central control line (31) extends essentially coaxial to the symmetry axis of the injector body (4; 8, 9, 10).

22. (New) The fuel injection device according to claim 19, wherein the central control line (31) extends essentially coaxial to the symmetry axis of the pressure booster piston (14).

23. (New) The fuel injection device according to claim 22, wherein the pressure booster piston (14) contains a line section (34, 60, 74) of the central control line (31) through which a conduit (40) constituting the central control line (31) extends in the working chamber (12) of the pressure booster (11).

24. (New) The fuel injection device according to claim 22, wherein the conduit (40) feeds into a recess (35) inside a first housing part (8) of the injector body (4; 8, 9, 10), which recess is connected to the on-off valve (5, 70) via an overflow line (43).

25. (New) The fuel injection device according to claim 23, wherein the line section of the central control line (31) is embodied as a tubular piston extension (34).

26. (New) The fuel injection device according to claim 23, wherein the line section of the central control line (31) is embodied as a coaxial piston (74) that the pressure booster piston (14) can move in relation to.

27. (New) The fuel injection device according to claim 20, wherein the pressure booster piston (14) contains a line section (34, 60, 74) of the central control line (31) through which a conduit (40) constituting the central control line (31) extends in the working chamber (12) of the pressure booster (11), and wherein the line section (34) of the central control line (31)

supports a spring-loaded sealing sleeve (36) that can move in relation to it and that produces a high-pressure seal (33) of the working chamber (12).

28. (New) The fuel injection device according to claim 20, wherein the pressure booster piston (14) contains a line section (34, 60, 74) of the central control line (31) through which a conduit (40) constituting the central control line (31) extends in the working chamber (12) of the pressure booster (11) and wherein the line section (34) has a high-pressure-tight guide section (50) that is guided in a first housing part (8) of the injector body (4; 8, 9, 10).

29. (New) The fuel injection device according to claim 20, wherein the pressure booster piston (14) contains a line section (34, 60, 74) of the central control line (31) through which a conduit (40) constituting the central control line (31) extends in the working chamber (12) of the pressure booster (11) and wherein a piston part (60) that constitutes a line section of the central control line (31) and is encompassed by the pressure booster piston (14) is contained in the pressure booster piston in a sliding fashion and in its head region, is provided with a sealing surface (61) that represents a high-pressure-tight connection.

30. (New) The fuel injection device according to claim 27, further comprising a spring element (38, 76) resting against either the line section (74) or against an end (15) of the pressure booster piston (14) and pressing the sealing sleeve (36) against the injector body (4; 8, 9, 10).

31. (New) The fuel injection device according to claim 23, wherein the piston part (60) that constitutes a line section of the central control bore (31) has a hydraulically effective

surface and is pressed against a boundary surface of the working chamber (12) of the pressure booster (11) by the fluid contained in the working chamber (12), thus producing a high-pressure-tight connection (61).

32. (New) The fuel injection device according to claim 23, wherein the outlet cross sections (77, 78) from the differential pressure chamber (17) to the central control line (31) can be controlled in a stroke-dependent manner.

33. (New) The fuel injection device according to claim 32, further comprising a control chamber (20) connected to the first outlet cross section (77), the pressure change in the differential pressure chamber (17) occurring via the control chamber (20).

34. (New) The fuel injection device according to claim 32, wherein the second outlet cross section (78) is greater than the cross section of the first outlet cross section (77).

35. (New) The fuel injection device according to claim 19, wherein the on-off valve (5) is embodied as a 3/2-way valve.

36. (New) The fuel injection device according to claim 19, wherein the on-off valve (70) is embodied as a servo-hydraulic 3/2-way valve.